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Volume 131, Number 34 tech.mit.edu Tuesday, September 6, 2011

EC sophomore found dead Sunday

Investigation ongoing; no reason to suspect foul play, says MIT

By Pearle Lipinski

NEWS AND FEATURES DIRECTOR

Nicolas E. Del Castillo '14 was found dead on Sunday in his East Campus (floor 4th West) dormitory room.

Castillo, who came to MIT from Bogota, Colombia, was a Course 18 (Mathematics) major. Castillo's family was notified by MIT police and Chancellor W. Eric L. Grimson PhD '80 yesterday afternoon.

According to two East Campus residents, Castillo's body was discovered between 6 and 7 p.m. by friends of Castillo and the MIT Police. All residents of 4th West — from all three houses Wood, Hayden and Munroe — were required to leave the dorm upon the body's discovery. The body was removed from the premises

around 9 p.m., followed by the arrival of a crew specializing in crime and death scene clean-up. Residents of Hayden and Munroe were permitted to return to their rooms after cleanup, but Wood residents (10 students) were required to find alternative housing for the evening. By this morning, all of 4th West had been re-opened.

There was evidence to suggest that the body had been there for several days before being discovered, according to one resident.

According to the News Office, as is protocol in case of sudden death, an investigation by the Massachusetts State Police and the Middlesex County District Attorney has begun. The News Office reported that there is no reason to suspect foul play, leaving suicide and accident as pos-

sible causes of death.

"This is a tragedy for the MIT community," said Grimson to the News Office.

"Our thoughts are with Nicolas's family, and we are reaching out to MIT students and others at the Institute who will be most affected by this loss."

Emails were sent to some mailing lists — including that of 5th East, the former residence of Kabelo Zwane '12, who died in Nov. 2009 in an apparent suicide — about the incident as early as 7:45 p.m. Sunday. They did not name Castillo.

A memorial service for Castillo has yet to be scheduled.

As of last evening, *The Tech* was unable to reach the East Campus housemasters, Kate and Thomas J. Delaney, as well as the 4th West GRTs. The MIT Police,



SOURCE: NEW STUDENT RECORD 2010
Nicolas E. Del Castillo '14

Cambridge Police, and the Division for Student Life referred all inquiries to the News Office.

All members of the MIT community who feel affected by Castillo's death are encouraged to contact Mental Health Services at 617-253-2916.

IN SHORT

Today is the last day to change a sophomore exploratory class taken during the Spring 2011 term to listener status.

Friday is the deadline for second-term juniors — e.g., those of the class of 2013 who took early sophomore standing — to turn in a concentration *proposal* form. It is also the deadline for final-term seniors to submit their concentration *completion* form.

Turn in your fall term registration by Friday or face a \$50 late registration fee.

Send news information and tips to news@tech.mit.edu.

EDITORIAL

Focus on what's important

Be vocal about the big issues

Being an MIT student gives you a voice that few other people have. Like it or not, the MIT name makes you a representative of modern science and engineering. It's no small secret that the world turns to MIT for its understanding of science, technology and related policy — just pick up the science section of the *New York Times* for proof. We're not exaggerating, then,

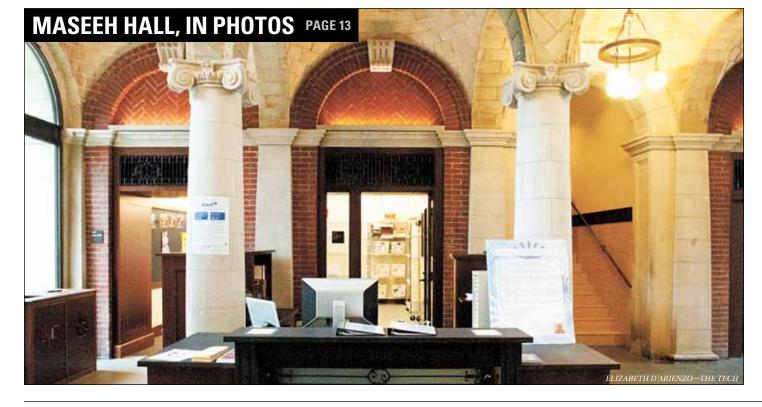
when we say that the pulse of MIT's campus has a substantial effect on the world beyond the Institute.

If the world turned its eye towards MIT recently, it might be a little confused. The recent "big issues" at the undergraduate level have almost purely been ones of student life policy. But dining, residence exploration, orientation, and living group culture, while

all important, are not what define MIT undergraduates. MIT, and its students, are part of a much bigger and much more complex world. They should play a part in the debates that define that world.

The Institute is a nexus of important research and education with vast ethical and policy implications.

Editorial, Page 4



What you missed over the summer:

Bomb scare, computer fraud, Beta disbanded

Campus life certainly slows down during the summer, but the Institute still keeps running. While you were soaking up the sun in California, working an internship in Manhattan, or exploring Europe, MIT saw its fair share of action in Summer 2011.

New House bomb scare

On a bright Tuesday morning in early June, workers doing renovations in New House told the police they found "suspicious materials" in the dormitory's New House 6, also known as German House — materials which appeared similar to pipe bombs. Within hours, the FBI and local and state police swarmed Amherst Alley, MIT Alert issued text messages and emails warning the community to "please stay away from Building W70 (New House)," and New and Next House were evacuated.

Yet after several tense hours, investigators found the objects were actually a "collection of harmless materials." But for a while, the situation was touch-and-go.

"It looked at first blush like it was pretty serious," said John DiFava, MIT's director of facilities operations and security.

During the crisis — beginning with the initial report at 7:30 a.m. and ending with an all-clear at 2 p.m. — Cambridge police and fire-fighters used a high-pressure water cannon to "disrupt" the pile of materials. The disruption process can disable potential explosives without risking setting them off. During the operation, New House and Next House were evacuated of the few people, mostly GRTs, staying there over the summer.

According to Cambridge Police spokesman Dan Riviello, the objects were "metal tubes, one solid, one containing ball bearings and a granular material." The tubes were near a group of liquids, which turned out to be cleaning chemicals. Pipe bombs often contain small objects, like ball bearings, adding to investigators' initial concern.

DiFava said the disruption process caused only minor damage to the common area in New House where the suspicious objects were found.

Beta Theta Pi disbanded

In June, the alumni association of the 28-member MIT chapter of the national Beta Theta Pi fraternity decided to shut down the chapter, citing disappointing rush results, recent alcohol violations, and a very low standing within the Interfraternity Council (IFC).

"We wanted to have a smoother landing rather than a crash landing, so we decided to act and put ourselves up in place for a well-organized fresh start in a few years," said Beta Alumni Association President Michael G. Feinstein '82.

The Beta brothers were told of the decision to shut down the fraternity on June 5 — two days after commencement.

Many Beta brothers were out of town when the decision was announced. The brothers were asked to move out of their house within five days of being notified of the disbandment.

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SEEKING ARRANGEMENT?

Is an MIT alum facilitating prostitution? **OPINION**, **p**. **4**

HOCKFIELD STRIKES AGAIN

This time in the *New York Times*. **OPINION**, **p**. **5**



U, AR, N, AS

No! You! Nobelium?! Uranium?! **FUN, p. 9**

HE'S 71, BUT MORE FIT THAN YOU

James Serdy, MIT researcher, still rows like a champ.

SPORTS, p. 18

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Police accounts favor Mubarak in Egypt trial

By David D. Kirkpatrick

THE NEW YORK TIMES

CAIRO — The criminal prosecution of former President Hosni Mubarak stumbled badly Monday after four senior police officials denied that he had ordered Egyptian security forces to use live ammunition against demonstrators challenging his rule.

Victims' lawyers were shocked and outraged, and violence erupted in and outside the courtroom - all four officers had been expected to testify against Mubarak.

"The prosecution cheated the people," human rights lawyer Gamal Eid wrote in a Twitter message after the hearing ended.

"A mood of disgust and disappointment."

Mubarak is the first autocrat put on trial by a government brought to power by the regional democracy movement known as the Arab Spring, and his trial has drawn worldwide attention. While Egyptian legal experts said it was too soon to draw conclusions about the ultimate verdict, for many Egyptians, the testimony Monday raised for the first

time the possibility that Mubarak might win acquittal.

A fistfight and repeated scuffles erupted between lawyers representing demonstrators killed during the protests and lawyers for the defense. And after one such fight during an early recess, people in the courtroom began chanting, "The people want to execute the murderer," Eid, the human rights lawyer, wrote in a Twitter message from the courtroom.

Outside, relatives of some of the more than 800 people killed during the demonstrations that ousted Mubarak threw stones at baton-wielding riot police outside the courtroom, and about two dozen were reportedly arrested and another roughly two dozen iniured.

WEATHER

Lee sets sights on **Appalachians**

By Austin DiOrio STAFF METEOROLOGIST

mountainous regions of the eastern United States may not appear to be a likely target for a tropical storm, but the remnants of tropical storm Lee will bring trouble to the area. Slow moving Lee delivered over a foot of rain to some places along the Gulf Coast when it was a tropical storm. Now the moisture associ-

ated with it will track along the Appalachian mountains from Georgia to New Hampshire and drop over 6 inches of rain in many places along the way.

Here in Cambridge, we will not see the worst of the flooding rains. Most of the precipitation will stay south and west of the Boston area. Even so, the next few days will be rainy and cool, which is quite possibly a fitting end to summer vacation.

Extended Forecast

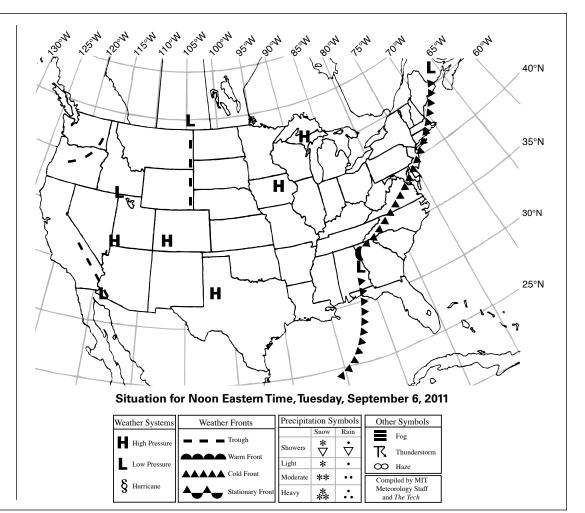
Today: Rainy and cool. 0.5 to 1 inch of rain expected. Winds N at 10-15 mph High 65°F (18°C).

Tonight: Showers. Low 60°F (16°C).

Tomorrow: Cloudy with showers likely. Possible fog in the morning High 67°F (19°C).

Thursday: Cloudy with a chance of showers and storms.

Friday: Sun and clouds. High 78°F (26°C).



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Monday, September 19 Stata Center - 32-123 7:30 - 9:00 p.m. Food Provided

Coffee Chats

Tuesday, September 20 Toscanini's 899 Main Street 10:00 a.m. - 2:00 p.m.

Career Fair

Wednesday, September 21 Johnson Athletics Center - 2nd floor 11:00 a.m. - 5:00 p.m.

Application Deadline

Wednesday, September 21 www.mckinsey.com/usschools at 11:59 p.m.

Iran offers inspectors 'full supervision' of nuclear program

By David E. Sanger
THE NEW YORK TIMES

WASHINGTON — Iran on Monday made its first counterproposal in two years to ease the confrontation with the West over its nuclear program, offering to allow international inspectors "full supervision" of the country's nuclear activities for the next five years, but on the condition that the mounting sanctions against Iran are lifted.

The proposal came from Fereydoon Abbasi, the head of Iran's atomic energy agency, who was designated by the United Nations in 2007 as a scientist involved in Iran's nuclear and ballistic missile activities, and, as such, subject to a freeze on his assets and limitations on his travel. He narrowly escaped an assassination attempt last year.

Abbasi's offer was vaguely worded. It was far from clear what he meant by "full supervision," after several years in which Iran has refused to turn over documents to the International Atomic Energy Agency or allow interviews of its most important nuclear scientists.

The government has also restricted where inspectors could travel.

Nonetheless, the overture is the first time since October 2009 that Iran has indicated a willingness to negotiate over the program, and one senior Obama administration official said that the offer "suggests that the sanctions are wearing on the leadership."

Abbasi made his statement to the Iranian Student News Agency, which is considered a semiofficial organ and has been used to convey changes of position in the past. "We proposed that the agency keep Iran's nuclear program and activities under full supervision for five years, provided that sanctions against Iran are lifted," he told the news agency.

In recent weeks Russia has intervened in an effort to get Iran to make a serious offer to relieve some of the pressure on Iran, in part out of concern that the sanctions were sharply interfering with its energy trade with Iran. But there is also worry that Iran's recent decision to move some of its uranium enrichment program to a well-protected

underground site could encourage those in Israel who have pressed for military action before it is too late to slow the program.

So far, the U.N. has issued four sets of sanctions, each intended to increase the economic pressure on Iran. But the effects have been spotty at best, and a run-up in oil prices this year essentially undermined much of the economic effects. Nonetheless, Iran has run into difficulties obtaining parts for its nuclear program, its ships have been denied insurance and its trade with much of Europe has been sharply restricted.

Abbasi was appointed to his current job in February, but before that he was well known to U.S., European and Israeli intelligence agencies. Officially, he worked at Shahid Beheshti University before taking up his current post, and he was on his way there last November when a "sticky bomb" was attached to his car. He narrowly escaped before it went off. One of his fellow scientists, heading to the university that morning on the other side of Tehran, was not so lucky, and he died in a nearly simultaneous attack.

GOP presidential candidate hopefuls vie for Tea Party support

By Michael D. Shear

THE NEW YORK TIMES

COLUMBIA, S.C. — The leading Republican presidential candidates spent Labor Day declaring their fealty to limited government as they sought to demonstrate credibility with a Tea Party movement that has seized the political energy of their party.

The candidates also lashed out at President Barack Obama's economic policies as they prepared for a televised debate in California on Wednesday and the president's jobs speech to Congress a day later.

Grim economic news has framed the Republican presidential campaign as a referendum on Obama's fiscal leadership and a contest about which of the Republican rivals is best positioned to turn the country's fortunes around.

But the president's would-be replacements are also preparing for months of political combat among themselves as they seek the Republican nomination. At a wonkish policy forum here Monday, five of the Republican candidates offered a preview of the intraparty fight for support from evangelical and Tea Party voters

Rep. Michele Bachmann of Minnesota accused Obama of "stealing from generations unborn" by vastly increasing government spending. She pledged to repeal "Obamacare," end the appointment of powerful government "czars" to oversee policy areas like immigration and the environment, and to eliminate or at least shrink the Department of Education. Mitt Romney, the former governor of Massachusetts, said Americans "simply have to rein back government to be what it was considered by the founders" and criticized Obama's three years in

Herman Cain, the former chief executive of Godfather Pizza, argued for a radically revamped tax code. Newt Gingrich, the former House speaker, focused on the theme of American exceptionalism and the limits of government, making reference to the Federalist Papers and the court system. Rep. Ron Paul of Texas stuck to the themes that have long defined him: an abhorrence of money printing, making war, corporate subsidies and the role of government beyond the courts and defense.

But the broad focus of the Republican candidates on Monday was clear: to align themselves with the Tea Party.

At a breakfast earlier Monday in New Hampshire, Romney declared that he "couldn't agree more" with the Tea Party's demands for smaller government.

"There's great interest to say, 'Oh, the Tea Party, oh, and the mainstream Republicans, oh they're fighting and they're different," Romney said in response to a question from a supporter. "The Tea Party has at its center core a belief that government is too big. Sound familiar?"

Syria lets Red Cross visit prison as crackdown on protestors continues

By Nada Bakri
THE NEW YORK TIMES

BEIRUT — Syria opened its main prison in Damascus Monday to a delegation from the International Committee of the Red Cross for the first time since the uprising started in mid-March, amid hopes the move could begin to reveal the fate of thousands of political detainees.

Human rights activists say Syrian authorities have arrested tens of thousands of people in the past five months of protests against President Bashar Assad. The detainees include women and minors, activists say, and they contend that the majority of political prisoners are held in secret detention centers, off limits to Red Cross officials.

Campaigners say prisoners are subject to all manner of torture, and many videos posted online in the past several weeks have shown detainees being assaulted and beaten severely by Syrian armed troops. Red Cross delegates visited the prison in Adra, a suburb of Damascus, on Monday, and although most of the inmates there are criminals and not political prisoners, the organization called the visit "an important step forward."

"Initially, we will have access to persons detained by the Ministry of the Interior," the group's president, Jakob Kellenberger, said in a statement issued at the end of a two-day visit to Damascus. The statement added, "we are hopeful that we will soon be able to visit all detainees." Kellenberger met with Assad and the foreign minister, Walid al-Moallem, during his visit. The group's findings were not made public, and Syrian authorities have not revealed the number of detainees, contending that all arrests were legal and that torture did not take place.

Meanwhile, the Local Commit-

tees said that at least five people were killed in government raids Monday: three in Homs, during sweeps to arrest protesters; one in Tal Khalakh, a town in eastern Syria, along the Lebanese-Syria border; and another in the northern province of Idlib during raids on towns there.

Activists also said that troops raided homes and combed areas in northern Syria near the Turkish border and in central Syria looking for the former attorney general of Hama province, Adnan Bakkour, who has reportedly left the country and whose resignation over the crackdown greatly embarrassed the government. Human rights campaigners believe that Bakkour, who has said hundreds of demonstrators have been killed from torture in jails and police stations, has enough evidence to take action against Assad and his government in the International Criminal

India arrests powerful baron on charges of illegal mining

NEW DELHI — One of India's most powerful mining barons, whose political clout and wealth have made him a controversial national figure, was arrested Monday as investigators raided his offices and seized about \$1 million in cash and more than 66 pounds of gold.

Until recently, the mining baron, Janardhana Reddy, was a king-maker in the southern state of Karnataka, where his family and allies once dominated important ministries in the state government. From his base in the Bellary District, home to some of India's richest reserves of iron ore, Reddy controlled a mining empire in Karnataka and the neighboring state of Andhra Pradesh and made untold millions of dollars exporting ore to China and elsewhere.

Reddy's arrest comes as public disgust over official corruption has boiled over in India. He was charged with illegal mining in Andhra Pradesh, after a Monday morning raid at his headquarters in Bellary. According to India's Central Bureau of Investigation, "several incriminating documents" were confiscated, as well as the cash and gold, itself worth more than \$1 million. He was also charged with fraud and criminal conspiracy.

"It was a mafia-like system," said N. Santosh Hegde, a former justice on India's Supreme Court who spent more than two years investigating illegal mining in Karnataka as an independent state-level ombudsman. "That district had become the Republic of Bellary. It is not part of India."

—Hari Kumar and Jim Yardley, The New York Times

Famine spreads in Somalia

NAIROBI, Kenya — The United Nations announced Monday that Somalia's famine had spread to a sixth area within the country, with officials warning that 750,000 people could die in the next few months unless aid efforts were scaled up.

A combination of drought, war, restrictions on aid groups and years of chaos have pushed 4 million Somalis — more than half the population — into "crisis," according to the United Nations. Agricultural production is just a quarter of what it normally is, and food prices continue to soar.

"We can't underestimate the scale of the crisis," said Mark Bowden, the U.N. humanitarian coordinator for Somalia. "Southern Somalia is the epicenter of the famine area in the Horn of Africa. It's the source of most of the refugees, and we need to refocus our efforts."

When pushed for numbers on how many people have died across Somalia so far, Bowden said: "We can't give an exact figure, but we can say tens of thousands of people have died over the last three to four months, over half of whom are children. That translates into hundreds a day."

Somalia has lurched from crisis to crisis since its central government collapsed in 1991. There have been more than a dozen attempts to restore a functioning central government, and the United Nations is currently holding a conference in Mogadishu to bring political leaders together to discuss future plans.

—Jeffrey Gettleman, The New York Times

Corruption trial for former French president reopens

PARIS — The trial of former President Jacques Chirac of France on corruption charges will proceed without Chirac having to be present, a court decided Monday, citing the poor state of Chirac's mental health.

"Mr. Chirac will not be ordered to appear in person, and as a result he shall be tried in his absence, represented by his lawyers," the court said in a statement.

The court acted after assessing a neurologist's report provided by Chirac's lawyers, who had asked for the ruling.

When the corruption trial reopened Monday after a six-month hiatus, Chirac was absent, and his lawyers told the court that he suffered from memory loss and was too ill to appear.

Chirac, 78, is the first French former head of state to be put on trial since Marshal Philippe Petain, who was convicted of treason at the end of World War II. Chirac is accused of breach of trust and embezzlement in approving the creation of 28 fake jobs in the 1990s for cronies and party political operatives.

Chirac has denied the charges. If he is convicted, the maximum sentence would be 10 years in jail and a fine of just more than \$200,000, but it is highly unlikely that the court would sentence him to any jail time.

Chirac was mayor of Paris 1977-1995, when he was elected president. He had immunity from prosecution until he left the presidency in 2007, and his lawyers have been fighting since then to avoid a trial.

—Steven Erlanger, The New York Times

GM wants the Volt in China, but the Chinese want its secrets

TIANJIN, China — As GM prepares to start selling its new Chevrolet Volt plug-in hybrid here by the end of this year, the Chinese government is putting heavy pressure on the company to share some of the car's core technology.

The Chinese government is refusing to let the Volt qualify for subsidies totaling up to \$19,300 a car unless GM agrees to transfer the engineering secrets for one of the Volt's three main technologies to a joint venture in China with a Chinese automaker, GM officials said.

Some international trade experts said China would risk violating World Trade Organization rules if it imposed that requirement.

The demand is the latest example of China's willingness to use the leverage of Western access to the vast Chinese market to extract concessions on advanced technologies. Policies to force technology transfers from non-Chinese companies have already helped this nation build big industries in areas like wind turbines, high-speed trains and water purification.

Western companies have complained that the tactics create an uneven playing field for business ventures trying to compete with domestic Chinese industries.

The dispute over the Volt threatens to lead to another trade dispute with the West and could affect the dynamics of a visit to China this month by the U.S. energy secretary, Steven Chu.

—Keith Bradsher, The New York Times



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EDITORIAL

Disagreements worth having

Some causes are more important than others

Editorial, from Page 1

Right now, MIT researchers across several fields are trying to create a new energy future for this country, but some say their efforts area misguided or misdirected. Biologists and computer scientists are developing an increasingly clear picture of genetics, simultaneously opening doors for a future of human genetic engineering and modification. MIT nuclear engineers are continuing to push for a nuclear energy future, while the rest of the world is cutting back on that technology in the wake of Japan's recent disaster. MIT's Lincoln Laboratories develops weapons and tactical systems, funded by the Department of Defense. The Institute has forged educational and research partnerships with Russia, China, and the United Arab Emirates all of which have ongoing political and human rights problems.

But there are important debates to be had even closer to home. As we've commented or reported on in these pages, MIT (and the rest of higher education) faces major social and political challenges. A March 2011 report on women faculty in the Schools of Science and Engineering noted marked improvements in the representation of women in science and engineering here at MIT, but also pointed out that misconceptions persist. In July, *The Tech*'s editorial board remarked on the state of LGBT students at the Institute — and it was clear to us that more

work needs to be done to make MIT a welcoming and supportive place for people of all sexual orientations, especially when it comes to faculty-student relationships. And the list doesn't stop there.

Dining, residence exploration, orientation, and living group culture, while all important, are not what define MIT undergraduates.

Our purpose here is not to pass a "right" or "wrong" judgment on any of MIT's social, educational, or research activities. Whether it's nuclear engineering, genetics research, educational partnerships, or weapons development, there's room for reasonable debate.

We're asking students to engage in those debates. Some of the questions we mentioned above will be the defining issues of our time. Do MIT undergraduates want to be stuck squabbling about dorm food or orientation guides while the world changes at a breakneck pace around them?

To be sure, undergraduates are not solely concerned with student life issues like dining or orientation. Many of us have had late-night discussions with our friends about science, poli-

tics, ethics, and philosophy. But we've noticed in cases of public discussion a near-exclusive preponderance of student life issues. Whether through mailing lists, postering, social websites, student government, letters to *The Tech*, or sit-ins, undergraduates seem to be most vocal about issues with fundamentally limited scope and relevance.

This hasn't always been the case. In the 1950s through 80s, students were regularly driven to riot or protest in response to human rights issues, wars, or political repression. Be it the establishment of Fidel Castro's brutal regime in Cuba or the presence of recruiters for military contractors on campus, students were energized and vocal about issues with great global and national relevance. Rioting, of course, is a bad way to make a point, and we don't support a return to that tradition.

We want MIT undergraduates to engage in more public discourse about the issues that really matter. There's a time and a place for dining and dormitory debates, but the real focus — the real energy — should be where MIT has the most influence. The best way to preserve true MIT culture is not by butting heads with the administrations about food, it's by having debates about the science and technology that will change the world.

Students, faculty, and administration will likely disagree on such issues. But those are the disagreements that are worth having.

The dark side of an MIT brain

How an MIT grad has justified online prostitution

By Ryan Normandin

OPINION EDITOR

In the early 90s, a young man named Lead Wey '93 arrived on campus at MIT, just like all of us have been these past few days. Like us, he was intelligent, driven, and had an entrepreneurial spirit. Like us, he experienced the rush of success after mastering a particularly difficult class or problem set, along with the humbling knowledge that everyone around you is just as smart as or smarter than yourself. His years at the Institute, which he attended for both his undergraduate and graduate degrees, were both rewarding and, at times, uncomfortable. Both the positive and negative shaped what this man would go on to do.

Lead initially became entrepreneurially

emboldened when he was the runner-up for what was then the MIT \$10K Entrepreneurship Competition. He later went on to start an internet company, SourceGate Systems, Inc., enabling ISPs to create new, advertising-based revenue streams. With the help of Senior Lecturer Joseph G. Hadzima '73, he successfully raised \$10 million.

"Lead was a classic 'driven entrepreneur,' in the best sense of the phrase," Hadzima said in an email. "SourceGate was a bit ahead of its time and ran into the internet bubble burst problem."

But this was by no means the end of the motivated Wey; the website he launched in 2005 would become the legacy he is most known for. This time, the motivation behind his new project was more personal.

"I had trouble finding dates when I was

at MIT primarily because of the high male to female ratio, as well as my lack of social skills," Wey told me through email. "I believe the social problems I faced while I was at MIT eventually led me to consider starting the SeekingArrangement.com business."

Seeking arrangement

SeekingArrangement.com is a site that connects men and women, although it is very different from sites like Match.com or eHarmony. On those traditional dating websites, users are usually looking for a date or someone with whom they can have a relationship. On SeekingArrangment.com, there are "no strings attached";

SeekingArrangement, Page 5

CORRECTIONS

Last Friday's opinion column about South Sudan incorrectly cited 1983 as the year that President Omar Hassan al-Bashir came to power in Sudan. Al-Bashir assumed office in 1989.

A front-page photo caption published last Friday incorrectly identified the students lashing a rollerblade to Maseeh Hall's land-yacht as Maseeh residents. The students were James R. Douberley '13, right, and Gabriel D. Karpman '13, left, both East Campus residents.

OPINION POLICY

Editorials are the official opinion of *The Tech*. They are written by the Editorial Board, which consists of Chairman Joseph Maurer, Editor in Chief Ethan A. Solomon, Managing Editor Connor Kirschbaum, Executive Editor Aislyn Schalck, and Opinion Editors Nina Sinatra and Ryan Normandin.

Dissents are the signed opinions of editorial board members choosing to publish their disagreement with the editorial.

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Nonsense, followed by begging

Hockfield's piece in the New York Times is disgraceful lobbying

By Keith Yost STAFF COLUMNIST

Frequent readers of this paper may recall a piece by MIT President Susan J. Hockfield and Harvard President Drew G. Faust in the *Boston Globe*, titled "Riding the Innovation Wave," and this columnist's negative response, "Voodoo Innovationomics." Well, last Monday, President Hockfield was at it again, this time with a solo piece in the *New York Times* titled, "Manufacturing a Recovery."

In her previous article, President Hockfield put forward a thesis that homegrown innovation was at the heart of American economic growth (conveniently ignoring, among other things, the rich American tradition of stealing technology wholesale from the Old World) and used this thesis as a justification to cadge Uncle Sam for R&D funding. In her latest missive, she's added on a corollary — the key to innovation, Hockfield now claims, is manufacturing, and now she seems to be offering a fullthroated defense of what is, in polite company called "strategic trade policy," what Paul Krugman PhD '77 once famously derided as "pop internationalism" and what I prefer to term "neo-mercantilism." Whatever you call it, it's drivel - a load of economic snakewater sold only by the incompetent and malintentioned. Given Hockfield's utter lack of economic credentials and her conflict of interest in the matter, you're free to take your pick. But read the article — it's an instructive example of how little intellectual rigor exists in Hockfield's made up system of economics.

First note the mindless proliferation of buzzwords throughout the article. Hockfield laments the loss of "high value" manufactured goods — never mind that the manufactured goods with the highest value per labor hour are simply capital-intensive

empirical evidence. No proof is offered, either to the contention that "innovation" (a word so broadly defined it could be virtually anything) is responsible for U.S. economic growth, or that a causal effect exists between manufacturing and innovation. It's not as if economists have turned a blind eye to the issue of economic growth; there are mountains of data, models, and theory on the subject, much of it created right here at MIT. Every graduate of MIT's economics program knows how to calculate a Solow

The key to innovation, Hockfield now claims, is manufacturing, and she now defends 'strategic trade policy,' or what I prefer to term 'neo-mercantilism.' It's drivel — a load of economic snakewater sold only by the incompetent and malintentioned.

goods, like cigarettes. She bemoans the loss of economic "competitiveness" — never mind that free trade between nations is nothing like competition between businesses. We need investment in "high tech" "cutting edge" "advanced" "sophisticated" manufacturing to "re-energize" "restart" "rebuild" "replenish" "rebuild" "reassert" and "recommit" in order to "set off a wave of job creation."

Next, note the absence of any sort of

residual ... does Hockfield?

Finally, note the complete irrelevance of the anecdotes that Hockfield provides to back up her argument. She offers three examples of innovators that have produced manufacturing jobs: Cepheid, Lilliputian Systems, and A123 Systems. But her argument is not that innovation creates manufacturing jobs — it's that manufacturing jobs create innovation. Her contention is that companies like Apple, which source

almost all of their manufacturing overseas, are a hairsbreadth away from shipping their labs and development centers to China. The anecdotal evidence that would back up her point would be examples of companies that saw their entire operations, starting with manufacturing and ending with design, engineering, and management, slip from American to foreign hands.

If the presence of manufacturing jobs is what spurs innovation, and innovation spurs growth, then Hockfield has her conclusions backward — she's using this piece of debunked mercantilism to justify federal outlays to MIT, but the real endpoint of her beliefs is that we should erect trade barriers to prevent manufacturing jobs from going overseas. By her logic, if we prevent the Chinese and other scary boogiemen from manufacturing products for our benefit, then we will innovate faster at their expense — and in that case it's not MIT that should be getting money, it's General Motors.

This raises a question: is it really in the best interests of MIT for its president to spend her time writing op-ed's in the *New York Times* embracing an ideological position that is, at its core, at odds with modern economics and antithetical to the interests of her own institution? Perhaps President Hockfield would do well to audit a few classes of 14.54 before she writes her next piece.

SeekingArrangement distorts the MIT spirit

Brandon Wade's site underscores the need for MIT students to develop a strong moral compass

SeekingArrangement, from Page 4

right on the website, it says that "an Arrangement is short for 'Mutually Beneficial Relationship' between two people. Such a relationship is usually between an older and wealthy individual who gives a young person expensive gifts or financial assistance in return for friendship, or intimacy."

If college girls were no longer desperately in need of money, I would be more than willing to bet that SeekingArrangement would cease to be highly profitable.

The website goes on to concede that "While some society may have laid down a set of unsaid rules about extra-marital affairs or pre-marital sex, who is to say what is 'right' or 'wrong'? In the past, Kings, Shahs and Emperors have had multiple lovers or concubines. It is human instinct to be attracted to beauty, as it is to be attracted to wealth and power. Remember, that life is short and you only live once..."

Here's how it works: "sugar babies," typically young, college-age women, join the site for free, where they can enter a description of the type of "arrangement" they are looking for — often with a price tag. "Sugar daddies," who are typically much older men, also enter descriptions of what they are looking for, usually including how much they are willing to pay for it. In an April 2009 article, the *New York Times* cites the example of a "49-year-old investor from upstate New York willing to pay \$5,000 a month for a 'daytime playmate' for 'intense connection without commitment.""

Legally speaking, this is not prostitution. Courts have decreed that as long as the woman is being paid for some service besides sex, even just "companionship," then the transaction is perfectly legal. But regardless of what the law says, many individuals who use the site do so as a last resort. Quoting from one girl that the Huffington Post interviewed, "I never thought it would come to this. I got on the train and I felt dirty. I mean, I had just gotten money for having sex ... I guess I accomplished what I needed to do. I needed the money for school. I just did what needed to be done." Shockingly, an individual from MIT is responsible for what is essentially legalized prostitution.

I asked Lead Wey, who now goes by Brandon Wade because it's more "Hugh Hefneresque," how he would respond to charges that he is exploiting college women by taking advantage of their financial need or that SeekingArrangement.com is, in principle, a hub of prostitution. He disagreed with the prostitution label, arguing that there is nothing wrong with young women wanting to have a relationship with successful, wealthy, and generous men. Ironically, he believes his site empowers women. He argues that as opposed to women who stay in abusive relationships because of low selfesteem, women who use his site are confident enough to date beyond their league. Brandon cites that over 75 percent of the young women on his site have or are seeking college degrees and that they are goaloriented, striving to become lawyers, doctors, or entrepreneurs. Mr. Wade appears to have made an amateur's error; correlation does not imply causation. I think it is far likelier that self-confident women are bold enough to use this website than it is that his website "empowers" women.

Indeed, there is certainly nothing wrong with women having relationships with rich men who happen to want to pamper them - but that is not the service his website provides. His site makes it blatantly clear that the "sugar baby" will receive material compensation for satisfying the "sugar daddy." In a healthy relationship, both individuals receive emotional satisfaction and the glue that holds the relationship together is not money. Although both types of relationships might look the same from the outside it is the cause, not the effect, which is the basis for a relationship. In healthy relationships, each individual is legitimately interested in the other as a person. In Wade's "arrangement," the girl is interested in money and the guy is interested in sex.

and the guy is interested in sex.

To test this proposition, make college free. If college girls were no longer desperately in need of money, I would be more than willing to bet that SeekingArrangement.com would cease to be highly profitable — it would certainly lose a large and important demographic. When a young woman is in desperate need of money and a wealthy man comes along and uses that vulnerability to get sex, that's the definition of exploitation. Mr. Wade's website is indeed taking advantage of young women who are financially needy.

Is it prostitution?

Is it prostitution? Legally, no. But an interesting thing about SeekingArrangement is that in many cases the payment takes place at the end of a date. It is reasonable to believe that the women who have sex with their "benefactor" are paid significantly more than those who do not. More importantly, those who don't have sex may

be far less likely to be summoned for a second date and, consequently, a second payment. Because these women's payments are dependent primarily upon sex, SeekingArrangment.com is, without a doubt, in the spirit of prostitution.

But prostitution is nothing new, hence its label as the "world's oldest profession." What disturbed me was Mr. Wade's belief that not only was his website not a prostitution-enabler, but that it was a good thing. I referenced MIT's mission statement, "the mission of MIT is to advance knowledge and educate students in science, technology, and other areas of scholarship that will best serve the nation and the world in the 21st century. The Institute is committed to generating, disseminating, and preserving knowledge, and to working with others to bring this knowledge to bear on the world's great challenges ... We seek to develop in each member of the MIT community the ability and passion to work wisely, creatively, and effectively for the betterment of humankind."

I asked Mr. Wade if he believed his website was in line with this mission, and he told me it was. To paraphrase, he said that if a business is not adding or creating value, it would not have customers. Because his website has customers and is solving real-world problems, it is, by his definition, valuable and in line with MIT's mission statement.

People at the Institute are incredibly frank and up-front with each other. People here are also concerned primarily with numbers; is the output worth the input?

This is where I see a problem with Mr. Wade's view on MIT's statement, and, more fundamentally, a problem with MIT. People at the Institute are incredibly frank and upfront with each other. People here are also concerned primarily with numbers; is the output worth the input? Mr. Wade's website is exploiting young women and enticing men to have extramarital affairs, yet he believes it to be bettering humankind — as MIT's mission statement says — because his spreadsheet tells him he is making money.

Just as his website was MIT-driven by encouraging Mr. Wade's entrepreneurial spirit and putting him in those awkward social situations, it was also MIT-driven by twisting his view of reality into a purely utilitarian

model, completely devoid of any morals. As SeekingArrangement.com says, "Who is to say what is right and wrong?" Many would see this as dangerous, but to Mr. Wade, it is purely a case of the output being worth the input

Also note that while MIT prides itself on creating problem-solvers who solve real-world problems in the most efficient way possible, it failed in Mr. Wade. As a student here, he was socially inept. The logical solution would be to work to improve his social skills, but instead, he raised enough money, garnered enough support, and spent countless hours creating a website that allows him, and others like him, to live a superficial, fake version of the real relationships he could have had in school.

MIT's moral compass

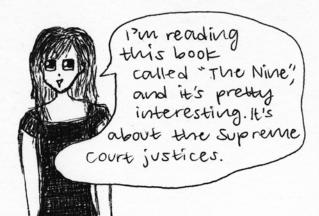
What should be taken away from this sad tale? First, that MIT needs to do a better job of attaching a moral compass to its lessons. While not all individuals will agree on every point, MIT students should at least be aware of moral objections others might have to their work. More importantly, they need to understand why people have these objections.

MIT's current atmosphere makes it too easy for individuals to be puzzled when approached with moral reservations; if something is making a profit, what's the problem? Perhaps a course available to freshmen, which could be made attractive through HASS and CI-H status, on the ethics or morality of science would help with this. Finally, MIT should continue to encourage socialization outside of "p-set parties." While many undoubtedly find their social niche and are happy here, there are others, such as Mr. Wade, who need help communicating or relating with others. CI-Hs are a good starting point. After all, a brilliant mind is a waste if no one understands what it is saying. But it is equally a waste if a brilliant individual goes through life believing that the only road to satisfaction and happiness exists purely through science, intellectual pursuits, and money. It is those who surround themselves with people, not computers or prostitutes, who truly find happiness in life.

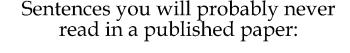
Studies have shown that beyond \$75,000 per year, there is no correlation between happiness and income. Despite his entrepreneurial spirit, Mr. Wade has failed by every metric except for the dollar bill, which, sadly, is the metric by which so many measure themselves. Like the men who use his website, he prefers a hollow shadow of that which he has never had. Do not let yourself become him. Work hard on the things that you love, but work harder to find and nurture relationships that you love.

6 THE TECH
TUESDAY, SEPTEMBER 6, 2011

rotally RANDOM By Elise stave







"We were totally surprised it worked!"

"We just thought it'd be a neat thing to do."

"I'm only doing this to get tenure."

"Oops."

"Previous work by XXX et al. is actually pretty good!"

"To be honest, we came up with the hypothesis *after* doing the experiment."

"The results are just 'OK'."

"Future work will... ah, who are we kidding? We won't get more funding to do this."



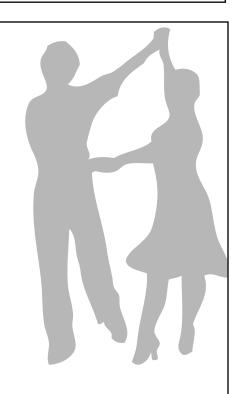


FUNFUNFUNFUN FUNFUNFUL

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Ballroom Dance Team





Tuesday, Sep 6
Morss Hall

7:30 pm Rumba 8:30 pm Swing

No experience or partner necessary.

Just come and learn how to dance!

Thursday, Sep 8 Lobby 13

7:30 pm Foxtrot 8:30 pm Waltz

Free ice cream social!

Saturday, Sep 10

Sala de Puerto Rico

1 pm Chacha2 pm Performancesand Team match

Free pizza!

ballroom.mit.edu





Sudoku

Solution, page 14

				4	6		1
5 7		1	2		7		9
7	2		1	9			
	8						
		9	4	1	2		
						7	
			9	2		5	7
2		7		8	3		6
2 9		8	6				

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

Techdoku

Solution, page 14

22+			12+			2-
	21×	-	5×	140×		-
12×	-	2×	<u> </u>	2	1	42×
	9+	 	<mark>2÷</mark>		90×	
5	-	20+				5×
2	<u> </u>	7	<u> </u>	1	<u> </u>	
28×		5		2÷	1	
	! ! !				!	! ! !

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–7. Follow the mathematical operations for each box.

Dilbert by Scott Adams



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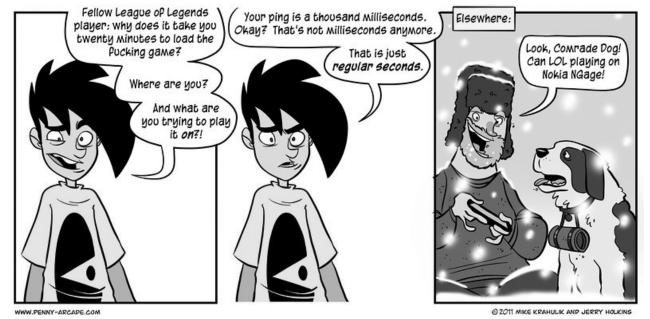
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.COM by Jerry Holkins and Mike Krahulik

Fix Your Shit



Self-Improvement

I don't understand what Deus Ex is trying to do! They're always telling me I can "make choices," but I guess my choices were wrong?

I built a comp-sci major, and the game locked me in a room with a robo-bully and his fully automatic

arm-cannon.

Excuse me sir! Optimally, I could have leveraged my dampers to enable a stealthy transversal. Alternately, we could engage one another in productive dialogue vis a vis the whereabouts of the woman you abducted previously.

My points.



Oh, yeah? Well... well... I'll hack into your laptop and read ALL YOUR MAIL!

W.PENNY-ARCADE.COM

Crossword Puzzle I

Solution, page 16

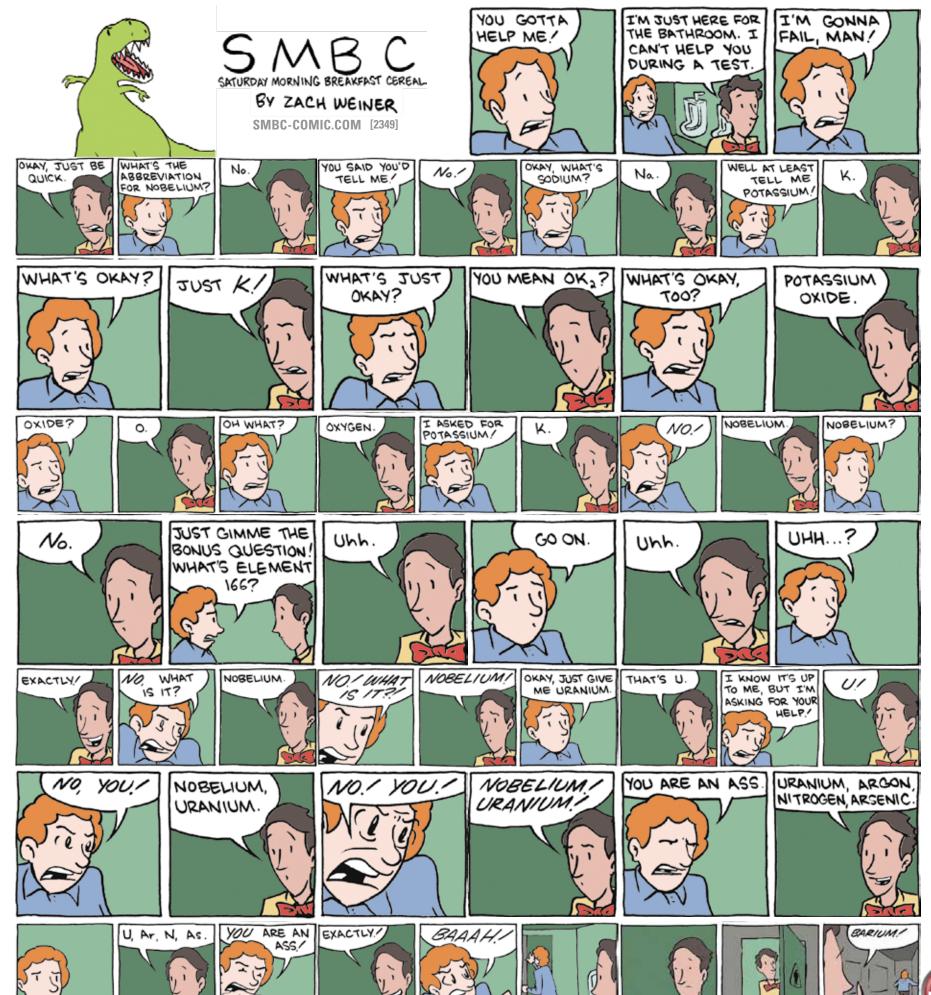
- **ACROSS**
- 1 Sirs' counterparts 6 "Fernando" singers
- 10 Endure
- 14 Have __ on one's shoulder
- 15 Defeat soundly
- 16 Sailor's patron saint
- 17 Another name for Farsi 18 *Undeveloped home site
- 20 Slangy "Don't lose any sleep over it"
- 22 Overdo it on stage 23 W. Hemisphere gp.
- formed to defend against communism
- 24 Made changes to
- 26 *1977 Triple Crown winner
- 31 Tell-all news story
- 32 One just hanging out
- 37 Antiquing substance 38 Heartache
- 39 Pouty expression
- 40 Evade
- 43 A __: valid independent of experience, in logic
- 45 *2,240-pound unit

- 47 Handyman's nickname
- 51 Poetic dusk
- 52 Windy City airport
- 53 At risk
- 58 *Huck Finn conveyance 61 Neighbor of Florida's St.
- Petersburg
- 62 Shortly, to Shakespeare
- 63 Vaulted church part 64 Writer Nin
- 65 Wisdom of the elders 66 Cattle rancher's tool
- 67 The answer to each starred clue ends in a big

DOWN

- 1 Everystreet
- 2 Prefix with bat or phobia 3 Obsessed fictional whaler
- 4 Revealing skirt
- 5 Urn taps
- 6 Give counsel to
- 7 Highlands hillside 8 61-Across NFLer
- 9 Lawyers' org.

- 10 "Here, I'll do that"
- 11 "It's __ nothing!"
- 12 Hit, biblical-style
- 13 Schlepped
- 19 Meas. of a package's contents
- 21 It's not quite a hurricane
- 24 Medicinal plant
- 25 Luau memento
- 26 Aegean and Bering
- 27 Military vet
- 28 Imitated
- 29 Ripped
- 30 Hillside
- 33 Jannings of old films 34 Underlying cause
- 35 Continental currency
- 36 Harness lead 38 Cried
- 41 Philly cager 42 1979 meltdown site,
- briefly 43 Like the Piper's clothes
- 44 Drank on credit
- 46 Like many a tux 47 Story's lesson
- 58
- 48 Horned safari beast
- 49 Party gift
- 50 "I'll see you in my dreams" girl of song
- 53 Should that be the case 54 When repeated, Mork's
- sign-off
- 55 FBI agent
- 56 Grand in scope
- 57 Impulsive
- 59 Knock
- 60 Month after Mar.



Crossword Puzzle II

Solution, page 16

ACROSS

- 1 Popular
- 4 Takes steps
- 8 Does some garden maintenance
- 14 "__ Father ..."
- 15 Masked critter 16 "Ditto"
- 17 Ecol. or agric.
- 18 *"Seven Year Ache" country singer
- 20 * "All I Wanna Do" singer
- 22 1963 role for Liz
- 23 Note after fa
- 24 Nissan sedan
- 26 Mimosa family tree
- 29 Part of TNT
- 32 *Longtime "American Bandstand" host
- 36 Lover of Christine, in "The Phantom of the Opera"
- 38 Gardner of "Mogambo"
- 39 Parkinsonism drug
- 41 Hagen of Broadway
- 42 Bette's "Divine" nickname
- 45 *Notable member of The

- Second City improv group 48 "The Merry Widow"
- composer 50 Time-share units
- 51 Rolled oats cereal
- 55 Banned pesticide
- 56 Voice above tenor
- 59 *French writer who befriended Chopin
- 63 *"The Mark of Zorro" star (1940)
- 65 Happy hour site, and word that can follow each last name in the answers to starred clues
- 66 World's largest river by volume
- 67 King, to a subject
- 68 Greater N.Y.C. campus
- 69 Not naked 70 City west of Tulsa
- 71 Street shader

DOWN

- 1 "Bonanza" brother
- 2 Pained cry

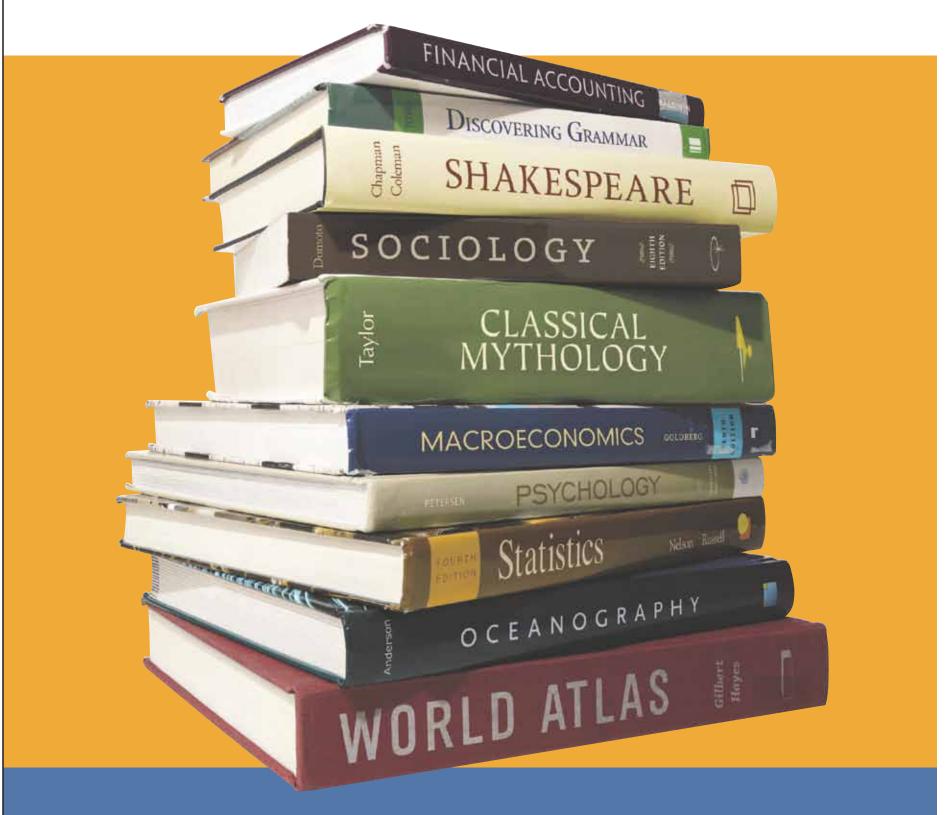
- 3 Hears arguments in court
- 4 Painter's medium
- 5 Not nerdy 6 Puccini opera
- 7 Warning from a doghouse
- 8 Best type of situation
- 9 Fruit drink suffix
- 10 Bach work
- 11 Catchall abbr.
- 12 Went up
- 13 Fashionable London area
- 19 "Just kidding!" 21 Gibraltar landmark
- 25 Fallen space station
- 26 Eden gardener
- 27 __ union: same-sex relationship status
- 28 100%
- 30 King Arthur's meeting spot
- 31 Finish ahead of
- 33 Noun modifier: Abbr. 34 Friend of Pooh
- 35 Canadian rd. sign letters
- 37 Fires, with "off" 40 Very old: Abbr.
- 43 Chat idly: Var.
- 44 Half a Kenyan rebel
- 46 Official emergency status
- 47 "No ifs, __ ...'
- 49 University officer
- 52 Labor Day mo.
- 53 Running free 54 Author Shaw
- 56 Just barely
- 57 __ tick: disease carrier
- 58 Gillette's __ II
- 60 Spice Girl Halliwell
- 61 Wood fastener
- 62 Bongo or conga
- 64 Nantes negative

10 THE TECH

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TUESDAY, SEPTEMBER 6, 2011 THE TECH 11

THEATER REVIEW

How was the show, Mrs. Lincoln?

MTG's fall show explores the dark side of the American Dream

By Deena Wang STAFF WRITER

If you are at all familiar with American history, you will know that John Wilkes Booth assassinated President Abraham Lincoln and that Lee Harvey Oswald assassinated President John F. Kennedy. You might even know that Charles Guiteau assassinated President James Garfield and Leon Czolgosz assassinated President William McKinley. But what about those who failed, like John Hinckley, Jr, attempted assassin of President Ronald Regan? Why did they do it?

Assassins, MIT Musical Theater Guild's fall show, delves into the characters and motivations of nine people that all attempted to kill a president, successfully or otherwise. Urged by the mysterious Proprietor, each is convinced that the solution to their problems class inequality, lack of attention, even stomachache — is the death of a president. Although the fate of each character won't be a surprise if you know your history, the musical keeps your attention through the vivid characterizations of each of the assassins, the music, and the attention to detail through costume and set.

Even with nine main characters, Assassins manages to delve deep into each killer's motivations. For me, the most sympathetic

assassin was Leon Czolgosz (Edmund Golaski '99), who wants to protest the class inequalities in America, and laments in "The Gun Song" that "a gun kills many men before it's done ... men in the mines and in the steel mills ... who died for what?"

In the end, what unites each of the assassins is the desire for attention, and the realization that the only way to get it is to commit a tremendous crime.

In the end, what unites each of the assassins is the desire for attention, and the realization that the only way to get it is to commit a tremendous crime. Rachel Bowen-Rubin '11 as the Proprietor steals the show, cajoling, consoling, and even executing the assassins, all in a pseudo-patriotic red-and-white costume that raises questions as to whether she is the personification of "the other American Dream" of all those Americans who are marginalized by

Like any show about historical events,

details about the characters have been changed to provide a better story. Most of the inaccuracies are in the copious anachronisms needed to have all nine assassins interacting at the same time, such as when Charles Guiteau (Danbee Kim '09) attempts to seduce an unwilling Sara Jane Moore (Nicole O'Keeffe '09), despite not living in the same century. However, many details, like Guiteau's kelptomania and Guiseppe Zangara's (Matt Behlmann G) stomach pains are accurate.

This production of Assassins departs from tradition, especially during the first song where the assassins pick up their guns as if they had been won in a shooting game. Other productions of Assassins, including MTG's 2002 production, have traditionally used a carnival theme, but here the set is an accurate recreation of the Texas School Book Depository where Oswald shot Kennedy. Even more impressive is the light-up stairs reminiscent of old-time theater extravaganzas, befitting the hanging of the flamboyant Guiteau. Creative use of lighting adds to the atmosphere when Samuel Byck (Greg Lohman G) takes his last drive to hijack an airplane, monologuing in the night.

The most notable leitmotif is "Hail to the Chief," which is panicked, disturbing, or elegiac by turns. Catchy tunes like the ironic **Assassins**

Directed by Kate Roe '14 MIT Musical Theater Guild September 2-4, 8-10, 15-17,

Kresge Little Theatre

"Everybody's Got the Right" will keep you humming for days afterwards. The obligatory love duet "Unworthy of Your Love" between John Hinckley (Victor Cary '14), infatuated by Jodie Foster and offering the death of a president as a gift to her, and Lynette "Squeaky" Fromme (Kirsten Olson '14), a disciple of murderer Charlie Manson, manages to avoid tedium with its disturbing sincerity. A special note goes to Zachary Barryte '13 as John Wilkes Booth, whose baritone voice cuts across the theater.

Dark, but with dashes of comedy, Assassins transcends a melodramatic subject matter to touch upon injustice, real or imagined. Although short by musical standards, and with foregone conclusions, this show will keep you entertained to the last gunshot.

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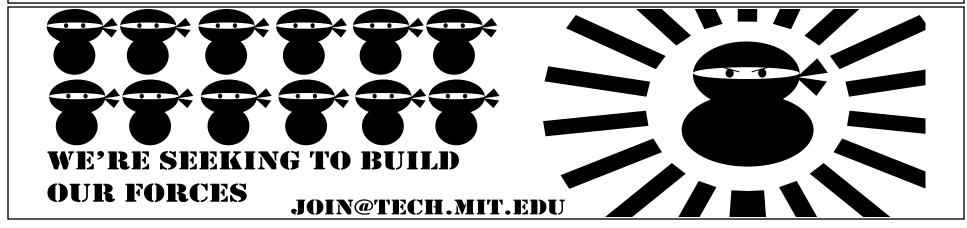
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12 THE TECH Tuesday, September 6, 2011

Two FDA panels to review safety of popular bone drugs

By Duff Wilson THE NEW YORK TIMES

Two advisory panels of the Food and Drug Administration will consider on Friday whether to recommend requiring women who use

popular bone drugs like Fosamax to

take "drug holidays" because of rising concerns about rare side effects with long-term use, according to people involved in the review.

The panels and FDA staff members are also expected to conduct a comprehensive safety review of the medical evidence to date, after 16 years of growing use of the drugs, to

to be safe and effective in use longer than three to five years. The recommendation could affect many of the estimated 4 million women in the United States who take the drugs, called biphosphonates. Biphosphonates inhibit a bone renewal process called resorption, adding bone mass,

determine whether they have proved but possibly causing brittleness as

Fosamax was first approved in 1995 to treat postmenopausal osteoporosis and Paget's disease of the bone, conditions that weaken bones. It has also been marketed, controversially, for a pre-osteoporosis condition called osteopenia. The Fosamax patent expired

in 2008 and generics have flooded the market.

The FDA announced in July that it would convene a joint meeting of advisory committees on drug safety and reproductive health to reconsider osteoporosis drugs after evidence surfaced linking long-term use with unusual breaks of the femur or thigh bone, bone death in the jaw, and possibly esophageal cancer.

This summer, the FDA has formulated the questions it will ask the panels of scientific advisers, which are often central to shaping the debate and outcome. The panels meet Friday in Adelphi, Md. The agency usually follows its advisory panels' advice.

Biphosphonates reduce hip and spine fractures in some postmenopausal women. They include Fosamax from Merck, Boniva from Roche Therapeutics, Actonel and Atelvia from Warner Chilcott, and growing numbers of generic copies.

Worldwide sales of biphosphonates were \$7.6 billion last year, down from a peak of \$8.8 billion in 2007, with more than 75 percent of sales aimed at osteoporosis and the remainder at tumor-related calcium disorders, according to the data firm IMS Health. Dollar sales fell after Fosamax faced generic competition

Ronald Rogers, a spokesman for Merck, said the company was responding to two questions from the FDA. One is whether the drugs have been proved to be safe and effective for longer term use, he said, while the other is whether to restrict that use or require "drug holidays." Most research on the drugs is for three to five years, but many women take them indefinitely. Merck is planning to issue its report later this week, Rogers said.

His account of the questions was confirmed by a bone expert briefed on the FDA plan, who declined to be identified because the FDA is trying to keep it quiet until later this week.

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Tuesday, September 6, 2011

The Tech 13

MASEEH HALL



A lounge with a working fireplace in the northern dining area of the Howard Dining Hall. The hall includes two dining areas, as well as a personal dining room that can be reserved for events or used as overflow space for diners.

and a new dining hall.



The Rebecca and Art Samberg Lobby. This lobby houses Maseeh's front desk and the entrance to its dining hall, as well as a small lounge.



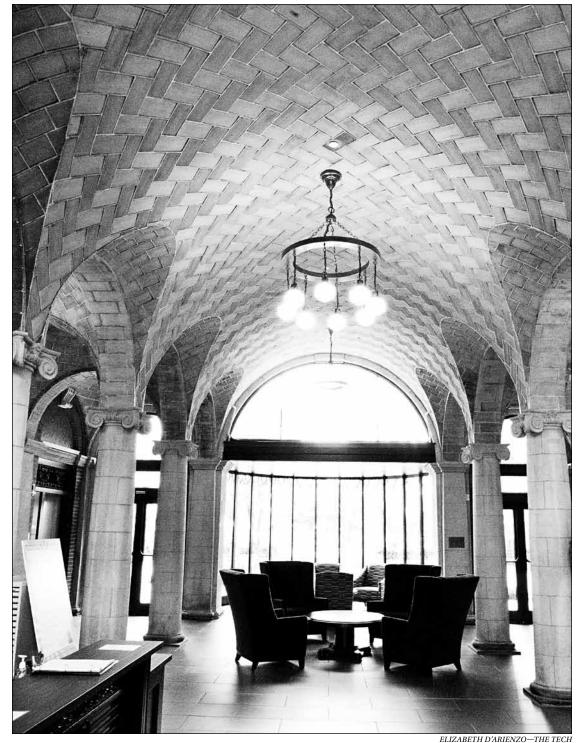
ELIZABETH D'ARIENZO—THE TECH

Each Maseeh floor is similar in style, but the wall colors vary. Rooms are arranged hotel-style, with student rooms,

GRT apartments, and bathrooms all branching off of the central halls. Maseeh also features air conditioning, elevators,



The northern dining area of the Howard Dining Hall in Maseeh, one of two dining areas in the hall.



Maseeh's lobby. Maseeh features a number of additional security measures at its entrance, including MIT ID card access to use the elevators or access the stairways from the main lobby.



One of a few desert and beverage bars in the Howard Dining Hall in Maseeh Hall. The dining hall includes a number of food stations featuring different cuisines, plus a comfort food station and a grill.

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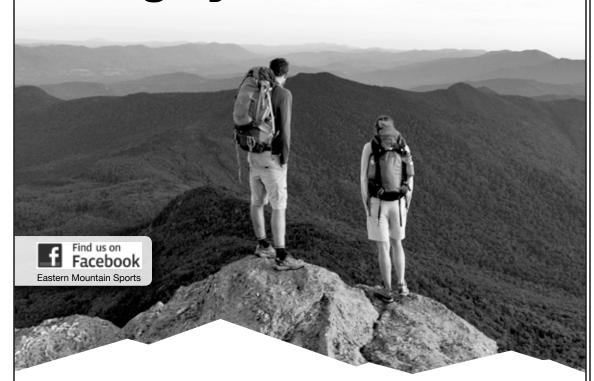
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Solution to Sudoku

from page 7

nom page 7								
8	9	3	7	5	4	6	2	1
5	4	1	2	8	6	7	3	9
7	2	6	1	3	9	5	4	8
1	8	5	3	2	7	9	6	4
3	7	9	4	6	1	2	8	5
4	6	2	8	9	5	1	7	3
6	3	4	9	1	2	8	5	7
2	1	7	5	4	8	3	9	6
9	5	8	6	7	3	4	1	2

Solution to Techdoku

from page 7

1	5	6	3			4
6	3	4	1	5	7	2
3	7	1	5	2	4	6
4	1	2	6	3	5	7
5	2	3	7	4	6	1
2	6	7	4	1	3	5
7	4	5	2	6	1	3

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Tuesday, September 6, 2011 **THE TECH 15**

Police Log

The following incidents were reported by the Campus Police between August 3, 2011 and August 30, 2011. The dates below reflect the dates the incidents occurred. This information is compiled from the Campus Police's crime log. The report does not include alarms, general service calls, or incidents not reported to the dispatcher.

- Nov 3 2010 Phi Kappa Sigma (530 Beacon St.) 2:04 p.m., Reporting party states several unreported bicycle thefts have occurred over the past several months. Two bicycles taken in the past several weeks.
- Bldg. NE49 (600 Tech-Jan 27 nology Square) 12:00 p.m., Victim reports theft from accounts payable account. Victim has been contacted by a law enforcement agency.
- May 1 290 Albany St. 7:00 a.m., Larceny of a motor vehicle license plate, west car dispatched.
- Jun 17 Bldg. 41 (77 Vassar St.) 9:00 a.m., Past larceny of laptop.
- Jun 30 Bldg. W51 (Burton-Conner House, 410 Memorial Dr.) 12:00 a.m., Larceny by credit card.
- Jul 2 Bldg. E55 (60 Wadsworth St.) 3:00 a.m., Bike was stolen from the bike rack. Report taken.
- Bldg. 2 (182 Memorial Dr.) 11:00 p.m., Report of a stolen laptop. Dispatched sector three for report.
- Jul 5 Delta Kappa Epsilon (403 Memorial Dr.) 12:00 p.m., Report of stolen bicycle.
- Jul 9 Bldg. E19 (400 Main St.) 2:00 p.m., Larceny report of a radio, sector one takes report.
- Jul 25 Bldg. 16 (21 Ames St.) 1:00 p.m., Report of backpack stolen from office area.
- Jul 27 Bldg. 7 (77 Massachusetts Ave.) 3:00 p.m., Larceny of bike. Disaptched sector three for report.
- Jul 27 Bldg. 6 (182 Memorial Dr.) 11:15 a.m., Larceny of laptop
- Jul 29 Bldg. 18 (21 Rear Ames St.) 4:30 a.m., Past larceny of bicycle from this location. Officer takes report of stolen bike.
- Jul 30 Bldg. W51 (Burton-Conner House, 410 Memorial Dr.) 9:00 a.m., Larceny of bicycle wheel in front of W51. Report taken.
- Bldg. 56 (21 Ames St.) 9:39 p.m., John T. Sanders, 687 Parker St., Boston MA, arrested for receiving stolen property, and other related charges.
- Phi Sigma Kappa (487 Commonwealth Ave.) 3:30

- p.m., A laptop was stolen, witness believes he has a description of suspect. Report taken.
- Aug 1 Bldg. E19 (400 Main St.) 9:51 a.m., Larceny of tools.
- Aug 2 Albany St. and Massachusets Ave. 1:32 p.m., Person states he was just threatened by a homeless person with a shopping cart. Subject located and issued warning.
- Aug 3 McDermott Court (20 Ames St.) 8:00 a.m., Larceny of bicycle secured with cable lock. Report taken.
- Aug 3 Bldg. 11 (77 Massachusetts Ave.) 5:00 p.m., Malicious destruction to a card reader device. Dispatched sector three takes report.
- Aug 3 Bldg. W51 (Burton-Conner House, 410 Memorial Dr.) 6:00 p.m., Bicycle locked with a cable lock stolen.
- Aug 4 Bldg. W35 (Zesiger Sports and Fitness Center, 100 Vassar St.) 7:00 p.m., Reports bike was stolen from the W35 bike rack area. Cable lock. Report taken.
- Aug 4 Bldg. 8 (21 Ames St.) 12:00 a.m., Report that data was stolen from office. Report taken.
- Aug 5 Bldg. E62 (100 Main St.) 6:45 a.m., Larceny of switch breaker, sector one takes report.
- Aug 6 Cross St. 4:00 a.m., Report of vehicle broken into, GPS mount on windshield stolen.
- Aug 6 Bldg. 1 (33 Massachusetts Ave.) 3:59 p.m., Bicylce that was stolen in Boston last year matches a bicycle locked at the Bldg. 1 bike rack, dispatched sector three to assist.

- Aug 8 Bldg. E52 (50 Memorial Dr.) 10:30 a.m., Party reports theft of his iPhone. Sectors one and two responding.
- Aug 8 Bldg. 3 (33 Massachusetts Ave.) 8:49 a.m., Party reports receiving suspicious emails.
- Aug 8 Bldg. W20 (Student Center, 84 Massachusetts Ave.) 9:05 a.m., Larceny of laptop computer. Report taken.
- Aug 8 Bldg. 44 (51 Vassar St.) 4:55 p.m., Larceny of laptop. Sector two takes report.
- Aug 8 Bldg. 42 (211 Massachusetts Ave.) 12:00 p.m., Property damage — leaving the scene after causing vehicle damage, Windsor St. lot.
- Aug 11 Bldg. 16 (21 Ames St.) 10:15 a.m., Larceny of motorcycle parts.
- Aug 11 Bldg. 50 (Walker Memorial, 142 Memorial Dr.) 2:13 p.m., Office broken into.
- Aug 12 Bldg. W16 (Kresge Auditorium, 48 Massachusetts Ave.) 10:21 p.m., Student reports being followed from Central Square back to campus by a male in his 20s wearing a blue shirt and shorts. Individual issued trespass warning.
- Aug 12 Bldg. 50 (Walker Memorial, 142 Memorial Dr.) 2:54 a.m., Several rooms broken into.
- Aug 13 Bldg. 50 (Walker Memorial, 142 Memorial Dr.) 10:00 p.m., Bicycle locked with a cable lock stolen from Walker area.
- Aug 14 Bldg. 2 (77 Massachusetts Ave.) 8:15 p.m., Officer encountered suspicious person known to him, in the main group. Arrest of: Fabio Armelio, last known address of 68

- Grant St., Medford MA.
- Aug 15 Bldg. 2 (182 Memorial Dr.) 5:00 p.m., Laptop stolen from lab area within the last five minutes. Report taken.
- Aug 16 Bldg. N10 (High Voltage Research Lab parking lot) 8:00 a.m., Hit and run damage to a vehicle that was parked in the N10 lot. Report taken.
- Aug 16 Bldg. 1 (33 Massachusetts Ave.) 12:28 p.m., Larceny of briefcase.
- Aug 17 Bldg. 76 (476 Main St.) 12:55 p.m., Bicycle with cable lock stolen.
- Aug 18 Bldg. 3 (33 Massachusetts Ave.) 1:29 a.m., Sector three takes Edward Melo of 6 Hunting St., Cambridge MA, into custody on two outstanding warrants.
- Aug 19 Bldg. E19 (400 Main St.) 11:01 p.m., Suspicious person in the 2nd floor area of E19/E17.
- Aug 19 Bldg. 9 (105 Massachusetts Ave.) 2:42 p.m., Four suspicious persons stopped attempting to steal bikes.
- Aug 20 Bldg. 1 (77 Massachusetts Ave.) 4:11 p.m., Caller reporting theft of credit and bank cards. Report to follow.
- Aug 22 Bldg. 76 (476 Main St.) 6:19 p.m., Person reports finding bike that was reported stolen. Police report with serial number verified ownership.
- Aug 22 Bldg. E14 (Media lab, 75 Ahmerst St.) 1:48 p.m., Larceny of laptop, report taken.
- Aug 22 Bldg. W1 (Maseeh Hall, 305 Memorial Dr.) 10:28 p.m., Larcency of Amazon Kindle. Report taken.

- Aug 22 Bldg. NW21 (190 Albany St.) 6:06 a.m., Car 281 responds to rear NW21 on a report of an attempted
 - break into a construction trailer.
- Aug 22 Bldg. 64 (21 Ames St.) 7:00 p.m., Larceny of backpack.
- Aug 23 Bldg. E25 (45 Carlton St.) 9:19 a.m., Suspicious activity.
- Aug 24 Bldg. 32 (Stata Center, 32 Vassar St.) 10:23 a.m., Past larceny of laptop.
- Aug 25 Amherst Alley 5:12 p.m., Past report of a suspicious male.
- Aug 26 Bldg. N42 (211 Massachusetts Ave.) 5:15 p.m., Past larceny of stolen backpack. Dispatched west
- Aug 26 Bldg. W61 (macgregor house, 450 Memorial Dr.) 3:35 p.m., Stolen credit card and cash.
- Aug 28 Bldg. W79 (Simmons Hall, 229 Vassar St.) 4:16 p.m., Previous encounter with suspicious male mentioned in bulletin.
- Aug 28 Massachusetts Ave. and Vassar St. 8:48 p.m., Cambridge police report aggravated assault by persons known to each other.
- Aug 29 Bldg. 46 (46 Vassar St.) 10:41 a.m., Larceny of laptop computer.
- Aug 30 Bldg. W71 (Next House, 500 Memorial Dr.) 11:17 p.m., Officers stop subject in dining hall, impersonating student. Trespass warning issued.
- Aug 30 Bldg. W51 (Burton-Conner House, 410 Memorial Dr.) 5:59 p.m., Report of a high school age male impersonating a college student to stay in dorms. Report to follow.

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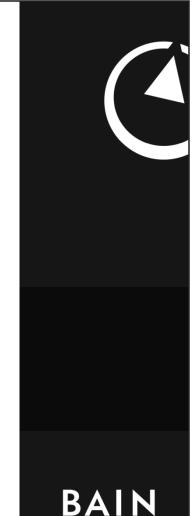
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16 The Tech
Tuesday, September 6, 2011

Closed in error on Google Places, merchants seek fixes

In mid-August, Jason Rule learned some surprising news about the coffee shop that he owns in Hays, Kansas: The place had closed for good.

Not in the real world, where it is thriving. Coffee Rules Lounge was listed for a few days as "permanently closed" on Google Maps. During that time, anyone searching for a latte on a smartphone, for instance, would have assumed the store was a goner.

"We're not far from Interstate 70," said Rule, "and I have no doubt that a lot of people running up and down that highway just skipped us."

In recent months, plenty of healthy businesses across the country have expired — sometimes for hours, other times for weeks — though only in the online realm cataloged by Google.

The reason is that it is surprisingly easy to report a business as closed in Google Places, the search giant's version of the local Yellow Pages.

On Google Places, a typical listing has a section titled "Report a problem" and one of the

problems to report is "this place is permanently closed." If enough users click it, the business is labeled "reportedly closed" and later, pending a review by Google, "permanently closed."

> —David Segal, The New York Times

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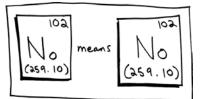
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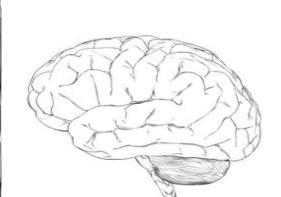
Learn about the amazing selection of artworks from the Student Loan Art Collection of the List Visual Arts Center -- you can borrow an artwork for your living space.

SMBC, from Page 9



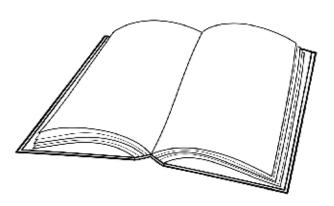


the









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find information on academic and administrative offices on this website

http://studentlife.mit.edu/mindandhandbook

Beta shut down, **Swartz** indicted

Summer 2011 news in review

Summer review, from Page 1

Victor Nevarez '12, Beta president, said the brothers were not surprised by the decision, but were caught off-guard by the timing.

"The only thing people were really upset about was the short amount of time that was chosen. The decision itself, everyone saw it coming. It was mainly the execution," said Nevarez.

Beta is planning for a fresh start in Fall 2013. It will not need to reapply to become a fraternity at MIT.

"We realize that they have a long history, and everybody will be working together to make sure they have a strong start that fall," said Gordon W. Wintrob '12, president of the IFC.

Swartz indicted for JSTOR

Aaron H. Swartz, the 24-yearold former co-owner of popular social media site Reddit and former Harvard Ethics fellow, was indicted on federal charges in July for using MIT's network to illegally download nearly 5 million articles from the JSTOR academic journal archive. Swartz allegedly began downloading articles to a laptop in Sept. 2010 via a network drop in the basement of Building 16. For a time, he also left a laptop in the Student Information Processing Board (SIPB) office on the fifth floor of the Student Center.

After a brief foot chase, MIT police, in conjunction with U.S. Secret Service and Cambridge police, caught Swartz in Cambridge in January. Though JSTOR is not pressing charges, Swartz faces up to 35 years in prison and up to \$1 million in fines on federal charges including wire fraud and computer fraud. Investigators allege Swartz planned to upload the articles to file-sharing networks.

Demand Progress, a group founded by Swartz which runs online campaigns to fight digital censorship, started a petition to raise support for Swartz. As of July 20, the petition garnered around 35,000 signatures.

EVP/Treasurer changes

MIT's Executive Vice President and Treasurer Theresa M. Stone '76 is stepping down. Current Vice President for Finance Israel Ruiz SM '01 will succeed her. Formal confirmation will take place by a vote of the MIT Corporation on Oct. 14.

Summaries compiled by F Solomon



hazardous materials decon-

tamination tent was set up in the Westgate parking lot on June 7 in response to a New House bomb scare. Cambridge and MIT police eventually determined that there was never any threat to campus safety, and that harmless construction materials were mistaken for pipe bombs. Nobody required decontamination

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ATHLETE OF THE WEEK: JAMES SERDY

71 and going strong: Serdy rows with the best

Course II researcher overcomes serious injury and wins silver at 2011 CRASH-Bs

By Sarah Weir SPORTS WRITER

Seventy-one-year-old James G. Serdy has been rowing with the MIT Rowing Club for the past four years. In addition to working at the Laboratory for Manufacturing and Productivity, he wakes up to go rowing on the Charles from 6-8 a.m. every morning. James has "always been fascinated to watch the art

of rowing," he said.

In 2007 he heard about the rowing club from two members of his lab. A year later, he was convinced by Alison S. Greenlee '11, a varsity rower, to train for the CRASH-B Sprints, an international indoor rowing competition. But this was no small task. In 2010 Serdy underwent a spinal fusion surgery to correct an injury he sustained over

20 years ago when he fell 30 feet onto a stone patio while installing a photovoltaic array on a demonstration solar house in Brookline. Serdy says he "promised the surgeon at [New England] Baptist Hospital that if all went well, I would go for gold at the CRASH-Bs a year later." In 2011 the event was held in Agganis Arena in Boston, and Serdy finished second in his division.

SPORTS SHORT

Triathlon Club kicks off collegiate season

The MIT Triathlon Club traveled to Lake George, N.Y., last weekend to compete in the first Northeast Collegiate Triathlon Confer-

ence (NECTC) race of their season. Race directors had canceled the previous weekend's triathlon due to damage from Tropical Storm Irene. Several team members placed in the Olympic-distance race, which

consisted of a 0.9-mile swim, 24.8-mile bike. and a 6.2-mile run. Shaena R. Berlin '13 took third place in the female NECTC omnium with a time of 2 hours, 39 minutes. Samuel M. Nicaise G powered through to the finish with a speedy time of 2:25, and Zachary W. Ulissi G came in third out of 60 collegiate racers on the bike section with an impressive average of 23 mph. The club will continue to race nearly every weekend through the rest of the season, which culminates at the Mighty Man Conference Championships in Montauk, N.Y., on Oct. 1.

—Shaena Berlin, Team Representative

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(Pvthon)--L1--Top---F1 ioinTechno.pv

UPCOMING HOME EVENTS

Tuesday, September 6

Field Hockey vs. Lasell College Women's Soccer vs. Worcester State

Jack Barry Field, 6 p.m. Steinbrenner Stadium, 7 p.m.

Wednesday, September 7

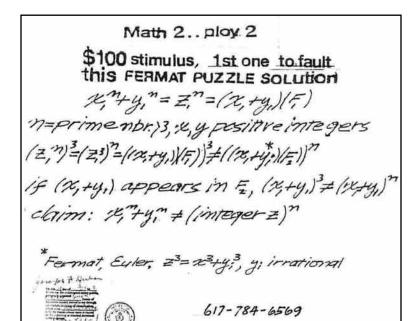
Men's Soccer vs. Framingham State

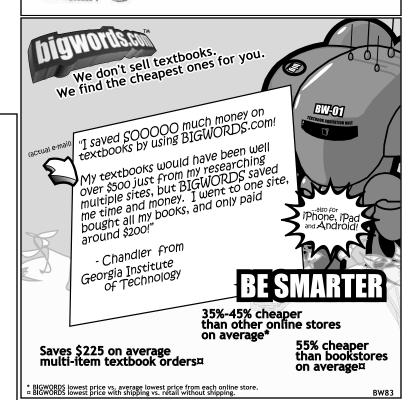
Steinbrenner Stadium, 4 p.m.

Thursday, September 8

Field Hockey vs. Simmons College

Jack Barry Field, 6 p.m.







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Free admission to:

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- Institute of Contemporary Art
- •Isabella Stewart Gardner Museum
- Harvard Art Museum

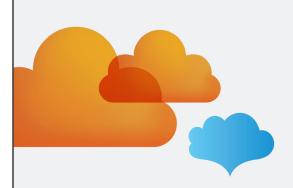
Free or discounted tickets to:

- Boston Symphony Orchestra
- •Boston Modern Orchestra Project
- Radius Ensemble
- Boston Chamber Music Society
- •Central Square Theater

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http://arts.mit.edu/visit/tickets/

Tuesday, September 6, 2011 The Tech 19



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Tuesday, September 6, 2011

